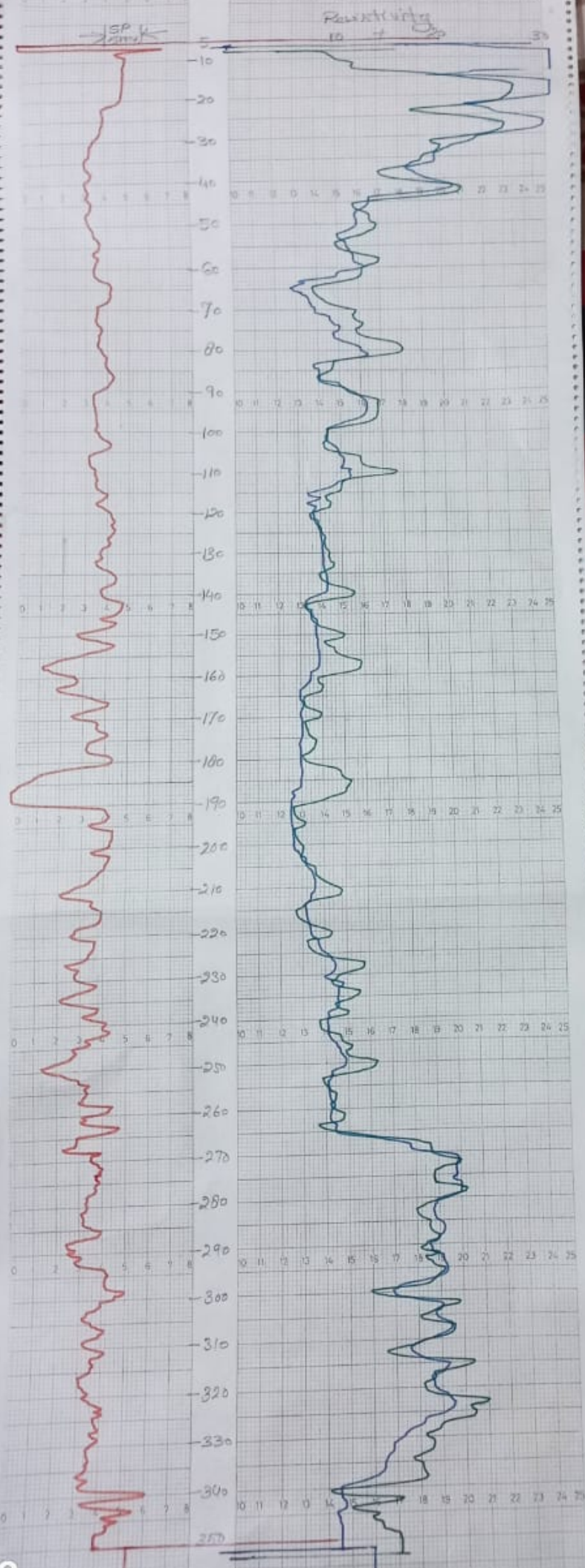


DATE 05-08-2025

SCHEME PEM-2 CHAUDHOPUR - KANPUR





# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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**GSTIN: 09ANAPS3037Q1ZG**

**MSME: UDYAM-UP-50-0135993**

Ref: GIC/JJM/ Kanpur Nagar/50

Date : 05.02.25

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Pem 2 , Block – Chaubeypur  
Distt. – Kanpur Nagar

**Drilling Depth** : 360 mbgl – as reported by Driller

**Logged Depth** : 350 mbgl

**Date of Logging** : 05.02.25

**Types of Log** : S.P. & Resistivity (Normal & Lateral)



**Logger Used** : Uptron

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
1	25 – 30	5	Good, Fine to medium sand	R <sub>mf</sub> = 16.3 Ωm R <sub>w</sub> = 18.5 Ωm
2	40 – 44	4	Good, Fine to medium sand	
3	266 – 280	14	Good, Fine to medium sand	
4	285 – 298	13	Good, Fine to medium sand	
5	301 – 310	9	Good, Fine to medium sand	
6	315 – 330	15	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 47 mbgl to 260 mbgl. Good clay encountered in between 260 mbgl to 265 mbgl.

C C : M/S Vindhya Telelinks Ltd Kanpur

  
  
**(A.K. Singh)**  
**Geophysicist**